

Notice of Allowability

Application No.

10/015,834

Examiner

Todd Ingberg

Applicant(s)

IRFAN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/16/2005.
2. ☒ The allowed claim(s) is/are 1-5,7-13,15-21 and 23-30.
3. ☒ The drawings filed on 3/14/2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 6/6/2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with J. B. Kraft on June 6, 2005.

The claims of the application has been amended as follows:

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Claim 17

A computer program having code recorded on a computer readable medium for distributing selected application programs from a provider to a plurality of a customers' client computers in a computer controlled object oriented programming network system, said computer program comprising:

a customer server [computer]; means associated with a server computer connected to a plurality of client computers for storing a Hypertext Markup Language document including:

an embedded program applet for selectively accessing each of the application programs being distributed, and

an embedded installation applet for accessing a program for installing said client computers;

and means for sending said selected application program to the client computer that selected said application program after said installation applet is stored in said client computer so

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that said installation applet may access said client computer so that said installation applet may access said installation program

means associated with at least one of said client computers for selecting one of said application programs for installation; and means responsive to said selection of said application program for sending installation program to the client computer that selected said application program.

Claim 25

A Hypertext Markup Language document for distribution of computer application programs on a computer readable medium to client computers over the World Wide Web comprising; an embedded object oriented program applet, each applet for selectively accessing application programs being distributed;

and means for sending said selected application program to the client computer that selected said application program after said installation applet is stored in said client computer so that said installation applet may access said client computer so that said installation applet may access said installation program.

an embedded installation applet for accessing a program for installing said application programs; and user selectable hyperlinks to one of said embedded applets.

Claim 30

A computer program having code recorded on a computer readable medium for distributing selected application programs from a provider to a plurality of customers' client computers in a

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computer controlled object oriented programming network system, said computer program comprising: a customer server [computer]; means associated with a server computer connected to a plurality of client computers for storing a World Wide document including: an embedded program applet for selectively accessing each of the application programs being distributed, and an embedded installation applet for accessing a program for installation said application programs being distributed on said client computer; means associated with at least one of said client computers for selecting one of said application programs for installation; means responsive for sending said installation program to the client computer that selected said application program;

means in said client computer for storing said installation applet only if said client computer; and the client computer that selected said application program after said installation applet is stored in the said client computer so that said installation applet may access said installation program.

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Claim 17

A computer program having code recorded on a computer readable medium for distributing selected application programs from a provider to a plurality of a customers' client computers in a computer controlled object oriented programming network system, said computer program comprising:

a customer server; means associated with a server computer connected to a plurality of client computers for storing a Hypertext Markup Language document including:

an embedded program applet for selectively accessing each of the application programs being distributed, and

an embedded installation applet for accessing a program for installing said client computers;

and means for sending said selected application program to the client computer that selected said application program after said installation applet is stored in said client computer so that said installation applet may access said client computer so that said installation applet may access said installation program

means associated with at least one of said client computers for selecting one of said application programs for installation; and means responsive to said selection of said application program for sending installation program to the client computer that selected said application program.

Claim 25

A Hypertext Markup Language document for distribution of computer application programs on a computer readable medium to client computers over the World Wide Web comprising; an embedded object oriented program applet, each applet for selectively accessing application programs being distributed;

and means for sending said selected application program to the client computer that selected said application program after said installation applet is stored in said client computer so that said installation applet may access said client computer so that said installation applet may access said installation program,

an embedded installation applet for accessing a program for installing said application programs; and user selectable hyperlinks to one of said embedded applets.

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Claim 30

A computer program having code recorded on a computer readable medium for distributing selected application programs from a provider to a plurality of customers' client computers in a computer controlled object oriented programming network system, said computer program comprising: a customer server; means associated with a server computer connected to a plurality of client computers for storing a World Wide document including: an embedded program applet for selectively accessing each of the application programs being distributed, and an embedded installation applet for accessing a program for installation said application programs being distributed on said client computer; means associated with at least one of said client computers for selecting one of said application programs for installation; means responsive for sending said installation program to the client computer that selected said application program; means in said client computer for storing said installation applet only if said client computer; and the client computer that selected said application program after said installation applet is stored in the said client computer so that said installation applet may access said installation program.

Reasons For Allowance

2. The following is an examiner's statement of reasons for allowance:

As pointed out in the Interview of May 25, 2005, prior art of record fails to disclose the installation program (applet) being downloaded so the download and installation can be performed.

Claim 1

A computer controlled object oriented programming network system for distributing selected application programs from a provider to a plurality of customer's client computers comprising:
A customer server computer connected to said plurality of client computers; means associated with said server computer for storing a Hypertext Markup Language document including:

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an embedded program applet for accessing a program for installing said application program being distributed, and an embedded installation applet for accessing a program for installing said application programs being distributed on said client computer; means associated with at least one of said client computers for selecting one of said application programs for installation; and means responsive to said selection of said application program for sending said installation program to the client computer that selected said application program.

Claim 9

In a computer controlled object oriented programming network system, a method for distributing selected application programs from a provider to a plurality of client computers comprising: storing in a customer server computer connected to said plurality of client computers, a Hypertext Markup Language document including; an embedded program applet for selectively accessing each of said application programs being distributed, and an embedded installation applet for accessing a program for installing said programs being distributed on said client computer; selecting at least one of said client computers, one of said application programs for installation; and responsive to said selection of said application program, sending said installation program to the client computer, that selected said application program.

Claim 17

A computer program having code recorded on a computer readable medium for distributing selected application programs from a provider to a plurality of a customers' client computers in a computer controlled object oriented programming network system, said computer program comprising:

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a customer server; means associated with a server computer connected to a plurality of client computers for storing a Hypertext Markup Language document including:

an embedded program applet for selectively accessing each of the application programs being distributed, and

an embedded installation applet for accessing a program for installing said client computers;

and means for sending said selected application program to the client computer that selected said application program after said installation applet is stored in said client computer so that said installation applet may access said client computer so that said installation applet may access said installation program

means associated with at least one of said client computers for selecting one of said application programs for installation; and means responsive to said selection of said application program for sending installation program to the client computer that selected said application program.

Claim 25

A Hypertext Markup Language document for distribution of computer application programs on a computer readable medium to client computers over the World Wide Web comprising; an embedded object oriented program applet, each applet for selectively accessing application programs being distributed;

and means for sending said selected application program to the client computer that selected said application program after said installation applet is stored in said client computer so

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that said installation applet may access said client computer so that said installation applet may access said installation program,

an embedded installation applet for accessing a program for installing said application programs; and user selectable hyperlinks to one of said embedded applets.

Claim 28

A controlled object oriented programming network system for distributing to a plurality of customer's client computers comprising:

a customer server computer connected to said plurality of client computer; means associated with said server computer for storing a World Wide Web document including: an embedded program applet for selectively accessing each of said application programs being distributed, and an embedded applet for accessing a program for installing said application programs being distributed on said client computers; means associated with at least one of said client computers for selecting one of said application programs for installation; means responsive to said selection of said application program for sending said installation program to the client computer that selected said application program; means in said client computer for storing said installation applet only if said client computer; and means for sending said selected application program to the client computer that selected said application program after said installation applet is stored in said client computer so that said installation applet may access said client computer so that said installation applet may access said installation program.

Claim 29

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In a computer controlled object oriented programming network system, a method for distributing selected application programs from a provider to a plurality of a customers' client computers, a World Wide Web document including: an embedded program applet for selectively accessing each of said application programs being distributed, and an embedded installation applet for accessing a program for installing said program being distributed on said client computers; selecting at one of said client computers, one of said application programs for installation; responsive to said selection of said application program, sending said selection of said application program, sending said installation program to the client computer that selected said application program; storing said installation applet has not been previously stored in said client computer; and sending that selected said application program after said installation applet is stored in said client computer so that said installation applet may access said installation program.

Claim 30

A computer program having code recorded on a computer readable medium for distributing selected application programs from a provider to a plurality of customers' client computers in a computer controlled object oriented programming network system, said computer program comprising: a customer server computer; means associated with a server computer connected to a plurality of client computers for storing a World Wide document including: an embedded program applet for selectively accessing each of the application programs being distributed, and an embedded installation applet for accessing a program for installation said application programs being distributed on said client computer; means associated with at least one of said

client computers for selecting one of said application programs for installation; means responsive for sending said installation program to the client computer that selected said application program;

means in said client computer for storing said installation applet only if said client computer; and the client computer that selected said application program after said installation applet is stored in the said client computer so that said installation applet may access said installation program.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

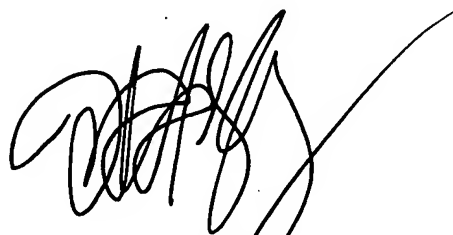
Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd Ingberg whose telephone number is (571) 272-3723. The examiner can normally be reached on during the work week..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Todd Ingberg', with a long horizontal line extending from the end of the signature.

Todd Ingberg
Primary Examiner
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